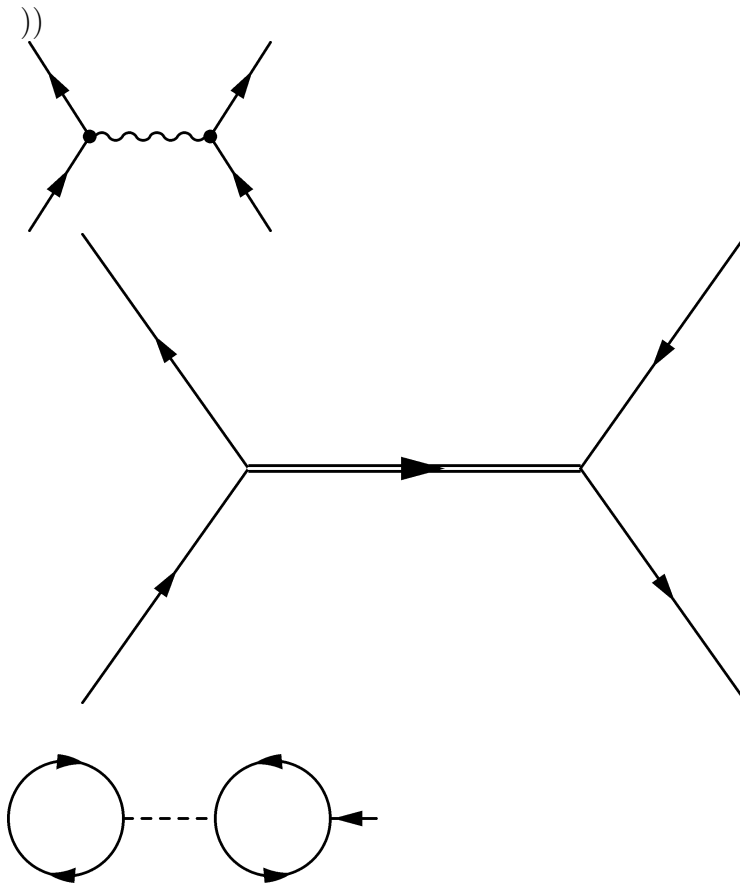
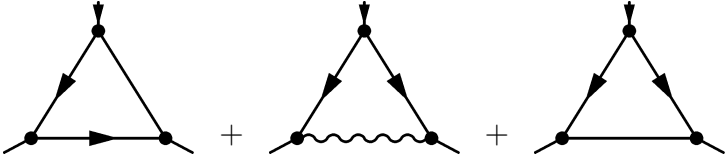


The figure displays two Feynman diagrams for the electron self-energy. The left diagram consists of a horizontal fermion line with an incoming arrow from the left and an outgoing arrow to the right. A wavy line (photon) forms a loop between two vertices on this fermion line. The right diagram is similar, but the loop is formed by a fermion line (indicated by straight lines with arrows). This diagram is preceded by a plus sign and the factor gm^{2e} .

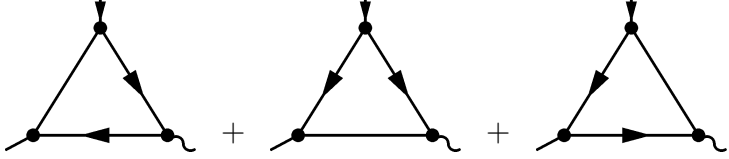


$$\langle \psi^\dagger \psi^\dagger \rangle_{1-ir} = 2\lambda Z_5 + \text{diagram 1} + \text{diagram 2}$$

$$\langle \psi \psi^\dagger \rangle_{1-ir} = Z_1 i\omega - \lambda \left(Z_2 k^2 - Z_3 \tau \right) + \text{diagram 1} + \text{diagram 2}$$

$$\langle \psi \psi \psi^\dagger \rangle_{1-ir} = -g \lambda \mu^{\frac{\epsilon}{2}} Z_4 +$$


The first diagram shows a triangle with a fermion loop. The bottom edge is a solid line with an arrow pointing right. The top edge is a solid line with an arrow pointing down. The left edge is a solid line with an arrow pointing up. The second diagram is similar, but the bottom edge is a wavy line. The third diagram is similar, but the bottom edge is a solid line with an arrow pointing right.

$$\langle \psi \psi^\dagger v \rangle_{1-ir} = -a_0 k_i Z_6 +$$


The first diagram shows a triangle with a fermion loop. The bottom edge is a wavy line with an arrow pointing left. The top edge is a solid line with an arrow pointing down. The left edge is a solid line with an arrow pointing up. The second diagram is similar, but the bottom edge is a wavy line with an arrow pointing left. The third diagram is similar, but the bottom edge is a wavy line with an arrow pointing right.